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Claims 1 1 1. An apparatus for cosmetic treatment comprising: 2 an applicator including at least one positive and one negative electrode for 3 engaging the skin of a patient and applying a pulsed electric field to the 4 skin and the subcutaneous tissues in a predetermined volume of skin and 5 subcutaneous tissue to be treated; 6 a power supply for generating high voltage pulses for applying a pulsed electric 7 field to the skin and subcutaneous tissues, said pulses having a voltage above the upper electroporation limit of subcutaneous fat cells in the 8 treated volume for the predetermined volume; and 10 a connector connecting said applicator to said power supply. 1 2. An apparatus according to claim 1 wherein said applicator includes a plurality 2 of electrodes in an array for applying electric field to the skin and subcutaneous tissues of 3 the patient. 1 3. An apparatus according to claim 1 wherein said applicator comprises a pair of 2 forceps including a pair of arms and an electrode mounted on each arm, said arms 3 moveable toward and away from one another.

- 4. An apparatus according to claim 1 wherein said applicator comprises a pair of members, a first one of said members including a needle-like electrode and the second of said members including a flat electrode.
- 5. An apparatus according to claim 1 wherein said power supply generates pulses of duration in a range of 10 microseconds to 100 milliseconds.

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minimum size.

1	6. An apparatus according to claim 6 wherein the amplitude of the electric field
2	applied to the treated volume falls in a range of 20 Volt/mm to 2000 Volt/mm.
1	7. An apparatus according to claim 1 wherein the amplitude of the electric field
2	applied to the treated volume falls in a range of 20 Volt/mm to 2000 Volt/mm.
1	8. An apparatus for weight loss and/or body sculpturing, comprising:
2	an applicator with an electromagnetic coil in it designed for generating high
3	pulsed magnetic fields;
4	a pulse power supply capable of generating high pulses of current;
5	a low resistance cable connecting the electromagnetic coil to the power supply.
1	9. An apparatus according to claim 8 wherein the curl electric field generated in
2	the subcutaneous tissue is in the range of 30 to 50 Volt/mm, and the duration of the
3	pulses is 5 to 20 microseconds.
1	10. A method for cosmetic treatment in lieu of cosmetic surgery, weight loss
2	and/or body sculpturing comprising:
3	providing an applicator with a set of positive and negative electrodes for engaging
4	the skin of a patient and applying a pulsed electric field to the skin and the subcutaneous
5	tissues of an area to be treated;
6	providing a power supply capable of generating high voltage pulses;
7	engaging patient's skin with the electrodes;
8	applying a pulsed electric field to the area to be treated via said electrodes with an
9	amplitude sufficient to cause death to subcutaneous fat cells having a predetermined

- 1 11. The method of claim 1 including:
- applying electroporation treatment to predetermined multiple sites on the patient's
- 3 body.